

Converting Colors

CIELCh(60, 10.304, 56.713)

Have a look what the booklet for
CIELCh(60, 10.304, 56.713) contains.

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Color

CIELCh(60, 10.304, 56.713)

Conversions

Conversions Part 1

Format	Color
Hex	A18D82
RGB	161, 141, 130
RGB Percent	63%, 55%, 51%
CMY	0.3697, 0.4481, 0.4912
CMYK	0.00, 0.12, 0.19, 0.37
HSL	21°, 14%, 57%
HSV	21°, 19%, 63%
XYZ	28.1388, 28.1233, 24.9711
YIQ	145.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

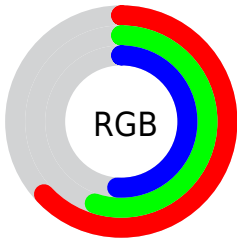
Format	Color
R_{YB}	161, 147, 130
Decimal	10587522
CIE _{Lab}	60.00, 5.66, 8.61
CIE _{LCh}	60, 10.304, 56.713
Yxy	28.1233, 0.3464, 0.3462
Android (android.graphics.Color)	4288777602 (0xFFA18D82)
YUV	145.7260, -7.7529, 13.3953
Hunter-Lab	53.0314, 1.9081, 9.2039




Details

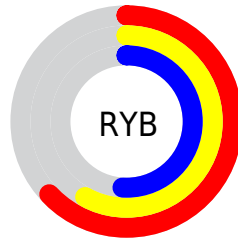
The CIELCh color $60, 10.304, 56.713$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.378, 240.455$, and the grayscale version is $60, 0.008, 296.813$.




A 20% lighter version of the original color is $80, 10.262, 58.039$, and $40, 10.178, 56.550$ is the 20% darker color. If you saturate the color by 10%, you get $57, 16.202, 55.957$, and if you desaturate by 10%, it is $63, 4.793, 57.506$.

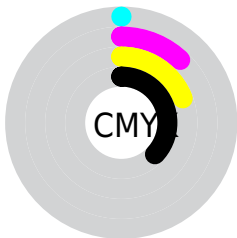
Distribution







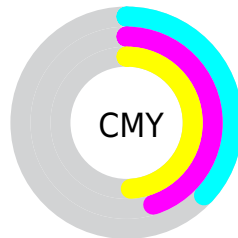
-  Red (63%)
-  Green (55%)
-  Blue (51%)






-  Red (63%)
-  Yellow (58%)
-  Blue (51%)



-  Cyan (0%)
-  Magenta (12%)
-  Yellow (19%)
-  Black (37%)



-  Cyan (37%)
-  Magenta (45%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 10.304, 56.713 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 60, 10.304, 56.713 by changing the saturation by 10% instead.

60, 10.304, 56.713

60, 10.304, 56.713

100, 10.304,
56.713

50, 10.304, 56.713

80, 10.304, 56.713

40, 10.304, 56.713

90, 10.304, 56.713

30, 10.304, 56.713

20, 10.304, 56.713

10, 10.304, 56.713

0, 10.304, 56.713

60, 10.304, 56.713

60, 10.304, 56.713

57, 16.202, 55.957

63, 4.793, 57.506

54, 22.516, 55.241

66, 0.365, 239.548

51, 29.254, 54.592

70, 5.206, 239.389

48, 36.389, 54.013

73, 9.768, 240.224

45, 43.819, 53.473

76, 14.083,
241.076

43, 51.289, 52.875

79, 18.181,
241.920

41, 58.245, 51.980

39, 64.256, 50.770

83, 22.089,
242.748

39, 64.724, 50.735

86, 24.824,
240.222

89, 24.690,
224.584

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60, 10.304, 56.713



61, 9.378, 240.455

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 10.304, 56.713



60, 10.304, 106.713



60, 10.304, 236.713



60, 10.304, 286.713

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60, 10.304, 56.725



81, 3.798, 57.729



58, 16.612, 337.764



43, 2.519, 57.690



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 10.304, 56.725



75, 15.450, 56.401



64, 14.700, 101.163



33, 2.958, 57.506



35, 59.948, 51.056



2, 4.473, 54.226

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 9.378, 240.455



76, 13.744, 241.004



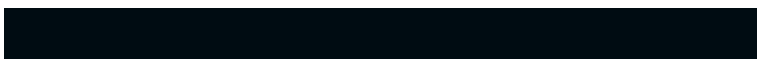
57, 15.114, 285.602



33, 2.837, 239.343



38, 35.032, 264.567



3, 4.557, 245.410

Previews

White Background



This preview shows how the CIELCh color 60, 10.304, 56.713 looks on a white background.

Color Contrast Check

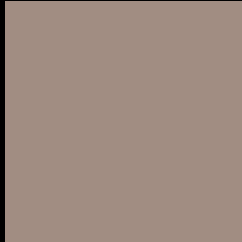
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 60, 10.304, 56.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

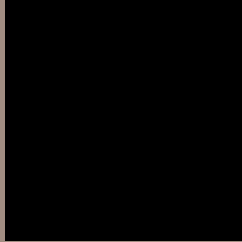
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 10.304, 56.713

Background



This preview shows how black text looks on a background with the CIELCh color 60, 10.304, 56.713.



This preview shows how white text looks on a background with the CIELCh color 60, 10.304, 56.713.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


60, 10.304, 56.713

Protanopia

60, 7.160, 89.643

Deuteranopia

60, 11.501, 46.245



Tritanopia
60, 11.593, 348.354

Trichromacy



Original Color
60, 10.304, 56.713

Protanomaly
60, 8.093, 75.885

Deuteranomaly
60, 11.036, 50.633

Tritanomaly
60, 9.312, 9.918

Monochromacy



Original Color
60, 10.304, 56.713

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 3.879, 54.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 10.304, 56.713 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 141, 130)` looks like.

```
.text, #text, p{  
    color:rgb(161, 141, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 141, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 141, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 10.304, 56.713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 141, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(161, 141, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(161, 141, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 141, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 141, 130); box-shadow:4px 4px 4px 4px rgb(161, 141, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 10.304, 56.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 141, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161,  
141, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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